AEE/TDSD/SBR/000069/18-19 – DATED 04/10/18

Original/Duplicate/Triplicate

No. 1st & Final Bill

CONTRACT CERTIFICATE

(For Other Works)

Date : .....

Division

Sub-Division

Bill Received No. ..... Dated .....

Cash Book Voucher No. ..... Dated : .....

Scheduled Doctet No. .....

Head of Account .....

Name of work (as per sanctioned estimate) REPAIS AND MAINTENANCE OF BOREWELLS AT SIDEDAHALLI VILLAGE LIMIT IN BAGALAGUNTE IN W.NO. 14

Name of Contractor and Full Address SRI. R. SHIVARAM

Reference to Agreement No. EE/ DD/ WO/ 281/ 17-18 Date: 14.03.2018

Certified that the measurements were taken by me on 1/6/2018 and recorded in pages 5834-5844 of measurements Book No. 5834 and that the work is satisfactorily executed.

Contractor

Officer - in - charge of work

Certified that the measurements were checked by me on 1/6/18 and found correct. The work is satisfactorily executed.
Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub - Division Officer

JOB NO : 014-18-000232

If Memorandum of Payment

		AMOUNT 1/6/18
1.	Total value of work done or supplies made as per account: 1st and Finall Bill → 284751=00	
2.	Deduct amount to be held in reserve being ..... percent Rs.	
3.	- do - Balance	IT → 28418=00
4.	Deduct Payments :	LWC → 28418=00
	a) Amount of previous payment as in the Office Cash Book Voucher No..... Dated ..... S.D. No.	CBF → 2842=00 → 59678=00
	Amount adjusted towards cash advance recovery of	CGST – 28418
	b) Payments cost store or other materials supplied.	SGST 28418 Total -- 116514/-
5.	Balance being unpaid value of work done held in reserve	
6.	Deduct cash advance made on the office Cash Book Vehicle No. ..... dated ..... less adjustments	Net → 2782073=00
7.	Net amount due to or from contractor	27,25,237/-
	Unadjusted items	
8.	Advance to contractor for materials brought to site (as detailed) within value of Government materials supplied.	
		Total amount adjusted --

Contractor Signature

Received Rs. ..... (in words)

..... by cash and by adjustment of

Payment as per memorandum.

Witnes sre : (In final settlement of all demand)

1.

2.

Date

Paid by me by cheque No. ..... Dated .....

Cash Rs. ..... Dated .....

Initials of Officer making payment dated .....

Signature of Contractor

(For use in the Office)

Audited and admitted for Rs. 2841751=00

Passed by Cheque for Rs. 2782073=00

Rupees — 2725237/-

— 116514/-

by adjus — 59678=00

Accounts Superintendent

Exe. Engineer
Executive Engineer
To B.B.M.P. Dasarahalli Division

Scanned by CamScanner

	Items of work (grouped under sub-heads the sub works of the estimate)	Unit	Previous Measurement		Present Measurement			Total Up-to-date		Remarks
			Qty	Cost	Qty	Rate Rs. Ps.	Cost	Qty	Cost	
1	Supply and delivery at site brand new Texmo / Innoval / Lubi / Sabar / Atalanta / Calamal / waterman / Radha make suitable vertical installation in 150mm dia. Borewells comprising of single stage or miultistage CF pump close coupled by means of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water (Wet type) squirrel cage submersible induction motor suitable for operation of 3Ph., 50Hz. 380/44 volts AC supply fitted with required accessories such as suction. casing, suction strainers, sand guard Non return valve etc., complete the pump and motor shall form an integral unit with all the required fittings 15HP 30 stage Kirloskar, Atlanta, Suguna, CRI & other equipment pump	No			4.00	70450.00	281800.00	4.00	281800.00	
2	Supply and delivery at site brand new Texmo / Innoval / Lubi / Sabar / Atalanta / Calamal / waterman / Radha make suitable vertical installation in 150mm dia. Borewells comprising of single stage or miultistage CF pump close coupled by means of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water (Wet type) squirrel cage submersible induction motor suitable for operation of 3Ph., 50Hz. 380/44 volts AC supply fitted with required accessories such as suction. casing, suction strainers, sand guard Non return valve etc., complete the pump and motor shall form an integral unit with all the required fittings 12.50HP 24 stage Kirloskar, Atlanta, Suguna, CRI & other equipment pump	No			4.00	63300.00	253200.00	4.00	253200.00	
3	Supplying and Drawing 3 core Flat PVC Shalted Submersible Pump Cable Manufactured with Electrolytic Grade Copper with Flexible copper conductor to table 3 class 5 of IS 8130-1984 and Virgen PVC insulation and Sheeated Suitable for working Voltage Upto 1100 Volts	Mtrs			4340.00	158.00	685720.00	4340.00	685720.00	
4	Supplying and fixing 50mm Non Return Vavle of vertical type of approved make including cost of all materials labour HOM of equipment with all leads Complete as per Specifcation	Nos			10.00	1150.00	11500.00	10.00	11500.00	
5	Supplying and fixing 50mm GM Gate Vavle	Nos			10.00	1500.00	15000.00	10.00	15000.00	
6	Supplying and fixing 175mm Borewell cap with clampset As per approved	Nos			10.00	500.00	5000.00	10.00	5000.00	
7	Supplying and fixing 50mm GI Union	Nos			10.00	223.00	2230.00	10.00	2230.00	
8	Supplying and fixing 50mm GI Elbow	Nos			30.00	111.00	3330.00	30.00	3330.00	
9	Supplying and delivery at site brand new star / Essen / Lotus / Sun shines / Adharsh / GK Controls best indigenous make combined energy meter cum control panel board unit of size 1200x600x350mm minimum mechanically strong vermin and water proof. The unit shall have two detachable doors suitable for opration on 3ph, 50 hz, 380/440 volts, AC supply with spring loaded latch, locking device with a key ribs should be provided inside the door canopy apron and louvers ventilators shall be provided the combined energy meter cum control panel board unit suitable for operation on 3ph, 50 hz, 380/440 volts AC supply shall be consists etc., complete the panel board shall be consist etc., complete the panel board shall be fabricated on single unit in the above componenets panel board for suitable pumpset with star delta staretr out door type 10hp to 15 hp	Nos			15.00	10000.00	150000.00	15.00	150000.00	
10	Providing and fixing of 50mm G.I pipe 'C' class heavy duty for erection of submersible pumpset galvanised tube 50mm supply ad delivary of cause heavy duty as per IS/239/1990	Mtrs			2320.00	519.00	1204080.00	2320.00	1204080.00	
11	Supplying and fixing 50mm GI coller Heavy duty	Nos			150.00	150.00	22500.00	150.00	22500.00	
12	Erection of combined panel board and meter unit with necessary materials and labour including providing cement concrete foundation bed cont door type etc., complete PRED ISSUE RATE	Nos			15.00	475.00	7125.00	15.00	7125.00	
13	Supplying of TPST with rewireable porcelain channels in SM encloser 15/32 amps P-521, Group-BI-1(b	Nos			15.00	1302.00	19530.00	15.00	19530.00	
14	Supplying and fixing 500x500x65mm polished wood board made up not less than 15mm thick plank in front plank one end provided for olding at other end fixing the same of the valve using through bolts and nuts, PRED ISSUE RATE	Nos			15.00	302.50	4538.00	15.00	4538.00	
15	Supplying and fixing LED Type panel board indicating lamp with required colour suitable for 220 v AC 50Hz 12/24 V DC Group 'B', P-529, I-35(b),	Nos			45.00	385.00	17325.00	45.00	17325.00	
16	Supplying and drawing each PVC Insulated 650/100 V grade wire in the conduct (Open or Concealed system of wiring) 7/20 or 7/36 copper wire. P-380, I-20, ii(d),	Nos			20.00	27.50	550.00	20.00	550.00	
17	Supplying, fixing and wiring heavy duty low voltage capacitors confirming to I 2834, 3 PHASE 400/440 Volts grade for power factor improvement of rotating machinery capacitor in KVAR - rating Nos 2 KVAR Capacity P-402, I-34(a),	Nos			5.00	385.00	1925.00	5.00	1925.00	

Scanned by CamScanner

	Items of work (grouped under sub-heads the sub works of the estimate)	Unit	Previous Measurement		Present Measurement			Total Up-to-date		Remarks
			Qty	Cost	Qty	Rate Rs. Ps.	Cost	Qty	Cost	
18	Supplying and fixing miniature Circuit breakers on existing MCB distribution boards using necessary fixing materials and wiring complete as required P-526, I-13 (P, a).	No			5.00	880.00	4400.00	5.00	4400.00	
19	Supplying, fixing, wiring earth electrode for grounding conduits, LC cutouts and other equipments on the meter board using 40mm dia 2.90mm thick GI pipe 2.50m long buried in a pit. The pit should be filled with equal proportion of solt and charcoal 150mm alround the pipe to complete depth. the connection from the pipe to the conduct etc., is to be established through GI wire of size as per ISI specifications 7.3.3 IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 throught holes of 122mm dia	Nos			2.00	1650.00	3300.00	2.00	3300.00	
20	Supplying and fixing class A (medium duty) GI pipe wall thickness not less than 3.25mm on pole.	Nos			20.00	286.00	5720.00	20.00	5720.00	
21	Supplying and fixing wiring earth electrode for grounding conduits, IC cutouts and other equipments on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 Mtr long buried in a pit,/ the pit should be filled with equal proporation of salt and charocal 150mm alround the pipe to complete depth the connections from the pipe to the conduits etc., is to be established through GI wire of size as per ISI specification 7.3.3 of ISI 732 using 12 mmdia boalts, nuts washers and checknuts etc,. the pipe shall have 16 through holes of 122mm dia	Nos			2.00	1650.00	3300.00	2.00	3300.00	
22	Labour charges for laying 1.1 KV class UG cable when supplied by agencies in existing trenches GI pipe / stoneware pipe/ on pole as required.	Mtrs			60.00	5.50	330.00	60.00	330.00	
23	Digging of trench of 0.6m deep x 0.5m wide refilling the trench to the required level and consolidating etc.	Mtrs			30.00	44.00	1320.00	30.00	1320.00	
24	Supply and fixing LT cast iron pot heads suitable for 1.1 KV class 16 sqmm UG cable filled with neccesary bitumen / insulating compound complete with termiinalas, clamps, bolts, nuts, washers etc.,	Nos			2.00	264.00	528.00	2.00	528.00	
25	Supplying and fixing of porcelain fuse channel with cut-out on existing / new wooden panel using neccesary nuts, bolts and washers etc.,	Nos			12.00	440.00	5280.00	12.00	5280.00	
26	Cutting of road surface for pipeline trenches and disposing of the excavated stuff as directed including barricading, danger lighting etc., in the Asphalt surface road.	Cum			27.00	311.00	8397.00	27.00	8397.00	
27	Earthwork excavation for foundation of buildings water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. specification	Cum			135.00	259.70	35060.00	135.00	35060.00	
28	Providing and installing at site of work P.V.C pipees including cost of pipes and specials and labour including lowering into trenches, laying true to line, level and perfect linking at joints leak proof including jointing of approved type with all labour and lift charges, handling charges including encasing the pipe alround to a depth not leass than 15 cms with gravel or selected earth available from the excavation etc., complete PVC pipes of 6kg/Sqm 75mm Dia.	Rmt			300.00	157.00	47100.00	300.00	47100.00	
29	Supplying and fixing 50 mm GI pipes 'B' class heavy duty (As PER bwssb Store Issued Rate) Note:- GI Pipe using for Road crossing places.	Mtrs			20.00	325.00	6500.00	20.00	6500.00	
30	Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m. and lift upto 1.5m. Including cost of all labour complete as per specification.	Cum			135.00	60.48	8165.00	135.00	8165.00	
31	Transportation of pumping machineries	LS			15.00	900.00	13500.00	15.00	13500.00	
32	Erection of Pumping machineries	LS			15.00	900.00	13500.00	15.00	13500.00	
	Total						**2841751.00**		**2841751.00**	

CERTIFICATE:

1 Work done is satisfactory

2 There are no departmental issuesmade to the contractor

3 The contractor has cleared all debrice from work spot

Scanned by CamScanner